

Title (en)

Vehicle door and apparatus for preventing door from intruding into vehicle compartment during side impact

Title (de)

KFZ-Tür und Vorrichtung zur Begrenzung der Eindringung der Tür in den Fahrzeuginnenraum während eines Seitenaufpralles

Title (fr)

Porte de véhicule et dispositif pour limiter l'intrusion de porte vers l'intérieur de l'habitacle lors d'un choc latéral

Publication

**EP 1439085 A3 20081112 (EN)**

Application

**EP 04000637 A 20040114**

Priority

- JP 2003006107 A 20030114
- JP 2003006108 A 20030114
- JP 2003012408 A 20030121
- JP 2003109746 A 20030415

Abstract (en)

[origin: EP1439085A2] The plurality of built-in parts (6,7,8,9) are disposed in such a manner that the center of gravity G2 of these built-in parts is situated on the opposite side of the door hinge (5) with respect to the position of the total center of gravity G1 of the door main body itself and the completely-closed windowpane (10). Especially, the drive motor (63) of the window regulator (6) is disposed spaced from the center of gravity G1 on the opposite side of the door hinge (5). Further an apparatus for preventing a door from intruding into the vehicle compartment during side impact and an inner panel for a vehicle door.

IPC 8 full level

**B60J 5/04** (2006.01)

CPC (source: EP US)

**B60J 5/0412** (2013.01 - EP US); **B60J 5/0416** (2013.01 - EP US); **B60J 5/0425** (2013.01 - EP US); **B60J 5/0437** (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05 30 April 1998 (1998-04-30)
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